WEST Search History

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DATE: Tuesday, July 20, 2004

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
☐	L14	L13 and (storage near5 management)	10
☐	L13	20001221	455
☐	L12	(input or inputting) near8 (storage adj3 (configuration or parameter or priority))	617
☐	L11	20001221	10137
☐	L10	(storage adj3 (configuration or parameter or priority))	15198
☐	L9	L8 and (storage near5 management)	2
☐	L8	20001221	114
☐	L7	(storage adj3 (configuration or parameter or priority)) same (PDA or phone or thin or cellular)	218
☐	L6	L5 and (storage near5 management)	13
☐	L5	20001221	432
☐	L4	(storage adj3 (configuration or parameter or priority)) same (PDA or phone or thin or cell or cellular)	695
☐	L3	(storage adj3 (configuration or parameter or priority)) and (PDA or phone or thin or cell or cellular)	4620
☐	L2	20001221	1
☐	L1	(storage near5 management) near8 (PDA)	15

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L14: Entry 8 of 10 File: DWPI Feb 17, 2004

DERWENT-ACC-NO: 2001-456982
DERWENT-WEEK: 200413

TITLE: Performance management system used in a processing environment, has database for storing processed data and user interface for integrating configuration and performance management functions

Basic Abstract Text (2):
DETAILED DESCRIPTION - The configuration functions (8) includes a call center configuration for configuring call center parameters in a configuration data set, and a data dictionary function for formulating under user instruction, calculation rules, value inputs of rules and storage parameters for database fields. Several information management functions (6) capture raw data from an external customer service system (2), process captured data, and store processed data according to the data dictionary configuration.

PF Application Date (1):
20000608

PF Application Date (2):
20000929

PF Application Date (3):
20000608

PF Application Date (4):
20000608

PF Application Date (6):
20000608

PF Application Date (7):
20000608

PF Application Date (9):
20000608

Standard Title Terms (1):
PERFORMANCE MANAGEMENT SYSTEM PROCESS ENVIRONMENT DATABASE STORAGE PROCESS DATA USER INTERFACE INTEGRATE CONFIGURATION PERFORMANCE MANAGEMENT FUNCTION

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L14: Entry 6 of 10 File: USPT Oct 17, 1995

DOCUMENT-IDENTIFIER: US 5459857 A
TITLE: Fault tolerant disk array data storage subsystem

Application Filing Date (1):
19940927

Detailed Description Text (4):
The disk drive array data storage subsystem includes a data storage management system that provides improved data storage and retrieval performance by dynamically mapping between virtual and physical data storage devices. The disk drive array data storage subsystem consists of three abstract layers: virtual, logical and physical. The virtual layer functions as a conventional large form factor disk drive memory. The logical layer functions as an array of storage units that are grouped into a plurality of redundancy groups, each containing N+M physical disk drives. The physical layer functions as a plurality of individual small form factor disk drives. The data storage management system operates to effectuate the dynamic mapping of data among these abstract layers and to control the allocation and management of the actual space on the physical devices. These data storage management functions are performed in a manner that renders the operation of the disk drive array data storage subsystem transparent to the host processor which perceives only the virtual image of the disk drive array data storage subsystem.

Detailed Description Text (20):
The disk drive array data storage subsystem 1 consists of three abstract layers: virtual, logical and physical. The virtual layer functions as a conventional large form factor disk drive memory. The logical layer functions as an array of storage units that are grouped into a plurality of redundancy groups, each containing N+M disk drives to store N physical tracks of data and M physical tracks of redundancy information for each logical track. The physical layer functions as a plurality of individual small form factor disk drives. The data storage management system operates to effectuate the mapping of data among these abstract layers and to control the allocation and management of the actual space on the physical devices. These data storage management functions are performed in a manner that renders the operation of the disk drive array data storage subsystem 1 transparent to the host processors (101-121).

Detailed Description Text (35):
FIG. 6 illustrates in flow diagram form the operational steps taken by the data storage system 1 to write data records received from a host processor 101, 121. At step 701, host processor, such as 101, transmits a data record write command to the data storage system 1 and, in particular, to storage control unit 105 via data channel 104-1. Let it be assumed that the selected volume is one that a user has priorly specified to the interconnected data storage subsystems 1, 2 as an enhanced reliability volume which status is noted in the virtual device table entry associated with this volume. The shared virtual device status is stored in the virtual device table on a virtual volume basis to differentiate shared virtual volumes from non-shared virtual volumes. This data maintained in the virtual device table creates the virtual images illustrated in FIG. 5 and this data can be input into the virtual device table via an operator panel on the data storage subsystem

or via configuration software resident on the host processor. The data storage subsystem reads the status bit as part of the mapping process when the mapping table is accessed to identify the physical location of a data record.

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